

ABSTRACT

To provide both an excellent solvent-resistance and a conduction reliability to an insulation coated
5 conductive particle that is suitable for use as a
conductive particle in an anisotropic conductive adhesive,
the insulation coated conductive particle is configured
such that the surface of a conductive particle is coated
with an insulating resin layer formed of an insulating
10 resin having a carboxyl group, and the insulating resin
layer is surface-treated with a polyfunctional aziridine
compound. Examples of the aziridine compound include
trimethylolpropane-tri- β -aziridinylpropionate,
tetramethylolmethane-tri- β -aziridinylpropionate, and N,N-
15 hexamethylene-1,6-bis-1-aziridinecarboxamide. The
insulating resin layer is preferably composed of an
insulating resin having an acrylic acid monomer unit or a
methacrylic acid monomer unit. Specifically, the
preferable insulating resin is an acrylic acid-styrene
20 copolymer.